

[54] **IONIC PULLULAN GELS AND PRODUCTION THEREOF**

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[57] **ABSTRACT**

A process for producing ionic pullulan gels which comprises gelation of pullulan by crosslinking and introduction of ionic groups into the resulting pullulan gel, the former comprising reacting pullulan with a bi-functional compound in a solvent in the presence of an alkaline substance, and the latter comprising reacting the resulting pullulan gel with a compound having a carboxyl, sulfonic, phosphoric or amino group in a solvent in the presence of an alkaline substance.

8 Claims, No Drawings